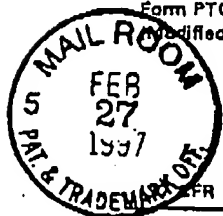


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MARCH 7, 1995GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN/JH	AA	3875391	04/01/75	SHAPIRO ET AL	235	156	11/02/73
JH	AB	4225920	09/30/80	STOKES	364	200	09/11/78
JH	AC	4228497	10/14/80	GUPTA ET AL	364	200	11/17/77
JH	AD	4307447	12/22/81	PROVANZANO ET AL	364	200	08/19/79
JH	AE	4467409	08/21/84	POTASH ET AL	364	200	08/05/80
JH	AF	4817857	10/14/86	DRYAN ET AL	370	80	12/31/84
JH	AG	4710866	12/01/87	ZOLNOWSKY ET AL	364	200	10/07/86
JH	AH	4809159	02/28/89	SOWA	364	200	01/21/88
JH	AI	4811214	03/07/89	NOSENCHUCK ET AL	364	200	11/14/86
JH	AJ	4811413	03/07/89	KIMMEL	382	41	10/22/87
JH	AK	4841436	06/20/89	ASANO ET AL	364	200	06/30/88
JH	AL	4855947	08/08/89	ZAYCZAK ET AL	364	200	09/27/87
JH	AM	4922418	05/01/90	DOLECEK	364	200	01/15/88
JH	AN	4953082	08/28/90	NOMURA ET AL	364	200	02/15/89
JH	AO	4989138	01/29/91	RADOCHONSKI	364	200	05/14/90
JH	AP	5043880	08/27/91	YOSHIDA	364	200	01/23/89
JH	AQ	5184347	02/02/93	Farwell et al.	370	94.1	07/09/91
JH	AR	5203003	04/13/93	DONNER	395	800	03/28/91
JH	AS	5218436	06/08/93	SUGIYAMA ET AL	358	141	01/23/91
JH	AT	5227863	07/13/93	Bilbrey et al.	348	578	08/07/90
JH	AU	5297263	03/22/94	OHTSUKA ET AL	395	375	04/17/92
DN/JH	AV	5301344	04/05/94	KOLCHINSKY	395	800	01/29/91

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INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN JH	AW	5309563	05/03/94	FARRAND ET AL	395	200	09/09/91
JH	AX	5329313	07/12/94	KEITH	348	422	10/01/93
JH	AY	5329819	07/12/94	PAGE ET AL	395	200	10/30/92
JH	AZ	5333212	07/26/94	LIGTENBERG	382	58	11/17/92
JH	BA	5333286	07/26/94	BOAZ ET AL	395	200	03/27/92
JH	BB	5341371	08/23/94	SIMPSON	370	85.4	05/24/91
JH	BC	5406279	04/11/95	ANDERSON ET AL	341	51	09/02/92
JH	BD	5414813	05/09/95	SHIOBARA	395	200	11/01/93
JH	BE	5442790	08/15/95	NOSENCHUCK	395	700	03/09/94
JH	BF	5448868	08/29/95	DRAKO ET AL	395	500	01/30/92
JH	BG	5450599	09/12/95	HORVATH ET AL	396	800	06/04/92
JH	BH	5452006	09/19/95	AULD	348	390	10/25/93
JH	BI	5461878	10/24/95	NORMILE ET AL	395	650	05/14/93
JH	BJ	5481689	01/02/96	STAMM ET AL	395	412	08/13/93
JH	BK	5487064	01/23/96	GALAND ET AL	370	60	06/31/94
JH	BL	5490247	02/08/96	TUNG ET AL	395	182	11/24/93
JH	BM	5497458	03/05/96	TAYLOR	395	800	09/28/93
JH	BN	5504889	04/02/96	UCHIDA	395	375	07/15/94
JH	BO	5535290	07/09/96	Allen	382	250	09/11/95
JH	BP	5568089	10/15/96	HOOGENBOOM	384	514A	10/28/94
DN JH	BQ	5579052	11/28/96	Arden	348	416	05/24/94

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
DP JH	P01	0618728	05.10.94	EP			
DN JH	P02	9425935	11/10/94	WO	G08K	15100	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER INITIAL		DOCUMENT IDENTIFICATION
JH	P01	ELLIOTT J A ET AL: "REAL-TIME SIMULATION OF VIDEOPHONE IMAGE CODING ALGORITHMS ON RECONFIGURABLE MULTICOMPUTERS," IEEE PROCEEDINGS E: COMPUTERS & DIGITAL TECHNIQUES, VOL. 139, NO. 3 PART B., 05/01/92, PP 269-279, XP0000306411.
JH	P02	HONG, YANG-CHANG; T.H. PAYNE. A HYBRID APPROACH FOR EFFICIENT DATAFLOW COMPUTING. COMPUTERS AND COMMUNICATIONS, 1990 INT'L PHOENIX CONFERENCE. IEEE PUBLICATIONS, MAY 1990 PP 170-178.
JH	P03	KAORU, UCHIDA ET AL: "A PIPELINED DATAFLOW PROCESSOR ARCHITECTURE BASED ON A VARIABLE LENGTH TOKEN CONCEPT," ARCHITECTURE, UNIVERSITY PARK, AUG. 13 - 19, 1988, VOL. 1, 16 AUGUST 1988, BRIGGS A, PP 209-216, XP000079309.
JH	P04	KOPET, TOM: "PROGRAMMABLE ARCHITECTURES FOR REAL-TIME VIDEO COMPRESSION," 4TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING APPLICATIONS & TECHNOLOGY, VOL. 2, 09/28/93 - 10/01/93, SANTA CLARA, CALIFORNIA, USA, PP 1031-1038.
JH	P05	MAYER, A.C.: "THE ARCHITECTURE OF A SINGLE-CHIP PROCESSOR ARRAY FOR VIDEOCOMPRESSION," PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS, ROSEMONT, JUNE 8-10, 1993, NO. CONF. 12, 08/06/93, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, PP 294-95, XP0000427824.
JH	P06	NORMILE, JAMES. DAN WRIGHT, IMAGE COMPRESSION USING COARSE GRAIN PARALLEL PROCESSING, ICASSP 1991 ACOUSTICS, SPEECH & SIGNAL PROCESSING CONFERENCE, IEEE PUBLICATIONS, JULY 1991 PP 1121-1124.
JH	P07	TOKUMICHI MURAKAMI ET AL: "A DSP ARCHITECTURAL DESIGN FOR LOW BIT-RATE MOTION VIDEO CODECS," IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS, VOL. 38, NO. 10, 10/1/89, PP 1267-1274, XP000088313.
JH	P09	YANG, KUN-MIN. VLSI ARCHITECTURE DESIGN OF A VERSATILE VARIABLE LENGTH DECODING CHIP FOR REAL-TIME VIDEO CODECS, FENCON 1990 IEEE REGION 10 CONFERENCE ON COMPUTER AND COMMUNICATION, IEEE PUBLICATIONS FEBRUARY 1990, PP 551-554.

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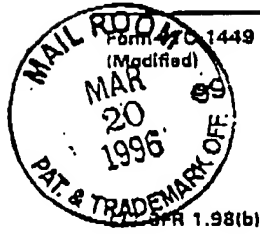
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DNJH	AA	3 8 9 3 0 4 2	7/1/75	Whitman et al.	331	55	12/12/73
previously filed	AB	3 8 9 3 6 8 6	6/8/76	Belle Isle	346	472.5	6/3/74
DNJH	AC	4 1 0 7 7 8 0	8/18/78	Grimadaia et al.	364	521	1/25/77
DNJH	AD	4 1 4 2 2 0 5	2/27/79	linuma	388	13	7/19/77

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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JH	AE	0 1 0 6 0 1 1	08.10.96	EP				
JH	AE	0 2 6 5 7 8 7	10.02.88	EP				
JH	AG	0 4 6 8 4 8 0	29.01.92	EP				

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

previously cited	AH	Cheng, "A Data Flow Architecture For Digital Image Processing," WesconTech. Papers No. 4/0, 13/30/84, Anaheim, California, USA, pp. 1-10
JH	AI	P. Yip, et al., "DIT and DIF Algorithm for Discrete Sine and Cosine Transforms" Proceedings of the International Symposium on Circuits and Systems, IEEE Press, New York, US, Vol. 2/3, 5 June 1985, Kyoto, JP, pages 941-944
JH	AJ	Heieh S. Hou, "A Fast Recursive Algorithm for Computing the Discrete Cosine Transform," IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. 35, No. 10, October 1987, IEEE Press, New York, US, pages 1458-1461
previously cited	AK	Kemori et al., "An Elastic Pipeline Mechanism By Self-Timed Circuits, 1985 Journal Of Solid State Circuits, Vol. 20, No. 1, 2/88, New York, NY, USA, pp. 111-117
JH	AL	A. Gupta et al., "A Fast Recursive Algorithm for the Discrete Sine Transform," IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. 38, No. 3, March 1990, IEEE Press, New York, US, pages 553-557
JH	AM	H.R. Wu, et al., "A Two Dimensional Fast Cosine Transform Algorithm Based on Hou's Approach," IEEE Transaction on Acoustics, Speech, and Signal Processing, Vol. 39, No. 2, February 1991, IEEE Press, New York, US, pages 544-546

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
previously filed	AN	4	+	4	9	2	4	2		4/10/78	Pire	364	200	5/6/77
DMJH	AO	4	1	9	8	4	4	8		4/1/80	Whitehouse et al.	358	135	5/15/78
JH	AP	4	2	1	5	3	8	9		7/29/80	Iijima	358	148	12/15/78
JH	AQ	4	3	0	2	7	7	5		11/24/81	Widergren et al.	358	136	12/15/78
JH	AR	4	3	3	4	2	4	6		6/8/82	Saran	358	281	5/18/80
JH	AS	4	4	3	3	3	0	8		2/21/84	Hirata	331	17	12/3/81
JH	AT	4	4	3	7	0	7	2		3/13/84	Asami	331	1A	9/21/82
JH	AU	4	4	9	5	8	2	9		1/22/85	Zasio et al.	377	70	1/25/83
DMJH	AV	4	5	4	0	9	0	3		9/10/85	Cooke et al.	307	485	10/17/83

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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JH	AW	0	5	7	2	2	8	2		01.12.93	EP				
JH	AX	0	6	7	2	2	8	3		01.12.93	EP				
JH	AY	0	5	7	6	7	4	8		05.01.94	EP				
JH	AZ	0	5	8	9	7	3	4		08.09.94	EP			X	
JH	BA	0	6	3	8	0	3	2		15.02.95	EP				
JH	BB	2	0	4	8	0	3	8		22.10.80	GB				
JH	BC	2	0	5	9	7	2	4		23.04.81	GB				
JH	BD	2	1	7	1	5	7	8		28.08.88	GB				
JH	BE	2	1	8	4	0	8	6		24.02.88	GB				

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JH</i>	BI	4	5	8	0	0	6	6	4/1/86	Bemdt	307	276	3/22/84
<i>JH</i>	BJ	4	6	3	0	1	9	8	12/16/86	I Yuan	364	200	2/21/84
<i>JH</i>	BK	4	6	4	6	1	5	1	2/24/87	Welles II et al.	358	149	2/1/85
<i>JH</i>	BL	4	6	7	9	1	6	3	7/7/87	Arnould et al.	364	726	3/8/85
<i>JH</i>	BM	4	7	4	7	0	7	0	5/24/88	Trotter et al.	364	900	1/9/84
<i>JH</i>	BN	4	7	8	5	3	4	9	11/15/88	Kaith et al.	358	136	10/6/87
previously filed	BO	4	7	9	9	9	2	7	12/6/86	Hannah	364	200	4/7/86
<i>JH</i>	BP	4	7	9	9	8	7	7	1/24/89	Fraderiksen	273	1E	2/24/88
previously filed	BQ	4	8	2	8	2	6	4	4/18/89	Simon et al.	358	136	11/16/87
<i>JH</i>	BR	4	8	2	9	4	6	5	5/9/89	Knauer et al.	364	725	8/19/88
<i>JH</i>	BS	4	8	3	1	4	4	0	5/16/89	Borgers et al.	358	133	3/24/88
<i>JH</i>	BT	4	8	6	6	5	1	0	9/12/89	Goodfellow et al.	358	13	9/30/88
previously filed	BV	4	8	6	6	6	6	7	9/12/89	Gonzalez Lopez et al.	364	646	10/30/87
<i>JH</i>	BW	4	8	8	7	2	2	4	12/12/89	Okano et al.	364	518	8/24/87

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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<i>JH</i>	BX	2	2	6	8	0	7	0	28-01-84	GB				
	BY													
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DM JH	CD	4	8	9	1	7	8	4	1/2/90	Kato et al.	384	900	1/8/88
JH	CE	4	9	0	3	0	1	8	2/20/90	Wiebach et al.	341	51	7/16/86
JH	CF	4	9	1	2	6	6	8	3/27/90	Aubie et al.	384	728	8/5/87
JH	CG	4	9	2	2	3	4	1	8/1/90	Strobach	358	138	9/26/88
JH	CH	4	9	2	4	2	9	8	5/8/90	Kitamura	358	12	9/15/88
JH	CI	4	9	2	4	3	0	8	5/8/90	Feuchtwanger	358	133	3/7/89
JH	CJ	4	9	7	5	5	9	5	12/4/90	Roberts et al.	307	272.2	7/20/88
JH	CK	4	9	9	1	1	1	2	2/9/91	Callemyn	384	818	12/21/88
JH	CL	5	0	0	3	2	0	4	3/26/91	Cushing et al.	307	485	12/19/89
JH	CM	5	0	2	7	2	1	2	6/25/91	Marlton et al.	358	183	12/6/89
JH	CN	5	0	3	8	2	0	9	8/6/91	Hang	358	138	8/6/91
JH	CO	5	0	5	3	9	8	5	10/1/91	Friedlander et al.	384	725	10/19/89
JH	CP	5	0	5	7	7	9	3	10/15/91	Cowley et al.	331	1A	10/29/90
JH	CQ	5	0	6	0	2	4	2	10/22/91	Arbeiter	375	122	2/24/89
JH	CR	5	0	8	1	4	5	0	1/14/92	Lucas et al.	340	728	3/9/80
DN JH	CS	5	0	8	6	4	8	9	2/4/92	Shimura	382	56	7/3/91

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U.S. PATENT DOCUMENTS

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DRJH	CZ	5 0 9 1 7 2 1	2/25/92	Hamori	340	727	12/22/88
JH	OA	5 1 0 7 3 4 5	4/21/92	Lee	358	432	5/28/91
JH	OB	6 1 1 1 2 9 2	5/5/92	Kuriacose et al.	358	133	2/27/91
JH	DC	5 1 1 3 2 6 5	5/12/92	Nagata et al.	358	136	5/11/90
JH	DO	5 1 2 2 8 7 3	6/16/92	Golin	358	133	2/19/91
JH	OE	5 1 2 2 8 7 5	6/16/92	Raychaudhuri et al.	358	133	2/27/91
JH	OF	5 1 2 4 7 9 0	6/23/92	Nakayama	358	133	2/20/90
JH	DG	5 1 2 6 8 4 2	6/30/92	Andrews et al.	358	133	12/26/90
previously filed	BH	5 4 2 8 6 5 9	7/7/92	Hannah	395	428	1/23/94
JH	DI	5 1 3 0 5 6 8	7/14/92	Miller et al.	307	272.2	11/5/90
JH	OJ	5 1 3 4 4 8 7	7/28/92	Taguchi et al.	358	209	11/5/90
JH	DK	5 1 3 4 8 9 7	7/28/92	Scheffler	395	428	12/10/90
JH	DL	5 1 3 6 3 7 1	8/4/92	Savater et al.	358	133	3/16/90
JH	DM	5 1 4 2 3 8 0	8/25/92	Sakagami et al.	358	432	10/18/90
JH	ON	5 1 4 6 3 2 5	9/8/92	Ng	358	135	4/29/91
DRJH	OO	5 1 4 6 3 2 6	9/8/92	Hasegawa	358	135	11/13/90

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Wise et al.FILING DATE
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN JH	DV	5 1 4 8 2 7 1	9/15/92	Kato et al.	358	133	4/17/91
JH	DW	5 1 4 8 6 2 4	9/15/92	Harlin et al.	398	188	11/29/88
JH	DX	5 1 5 1 8 7 5	9/29/92	Seto	364	784	10/2/91
JH	DY	5 1 5 9 4 4 9	10/27/92	Allmendinger	358	136	12/26/81
JH	DZ	5 1 8 4 8 1 9	11/17/92	Musio	358	13	4/3/91
JH	EA	5 1 8 8 3 5 8	12/1/92	Acampora et al.	358	133	12/20/91
JH	EB	5 1 6 8 3 7 5	12/1/92	Reisch et al.	358	432	8/18/91
JH	EC	5 1 7 2 0 1 1	12/15/92	Leuthold et al.	307	272.2	6/30/89
JH	ED	5 1 7 5 6 1 7	12/29/92	Wallace et al.	358	133	12/4/91
JH	EE	5 1 7 9 3 7 2	1/12/93	West et al.	340	799	3/28/91
JH	EF	5 1 8 2 6 4 2	1/26/93	Gersdorff et al.	358	133	4/19/91
JH	EG	5 1 8 4 1 2 4	2/2/93	Molpus et al.	341	50	1/2/91
JH	EH	5 1 8 5 8 1 9	2/9/93	Ng et al.	382	88	4/29/91
JH	EI	5 1 8 9 5 2 8	2/23/93	Sasson	358	432	9/21/90
JH	EJ	5 1 9 1 5 4 8	3/2/93	Balkanski et al.	364	725	1/3/92
JH	EK	5 1 9 3 0 0 2	3/9/93	Guichard et al.	358	133	3/25/91
DN JH	EL	5 2 0 1 0 5 8	4/6/93	Daniel et al.	395	800	5/2/90

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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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	EM							
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Wise et al.FILING DATE
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EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN	ER	5	2	0	2	8	4	7	4/13/93	Bolton et al.	364	725	7/31/90
	ES	5	2	1	2	5	4	9	5/18/93	Ng et al.	358	135	6/16/92
	ET	5	2	1	2	7	4	2	5/18/93	Normile et al.	382	56	5/24/91
	EU	5	2	1	4	5	0	7	5/25/93	Aravind et al.	358	133	11/8/91
	EV	5	2	1	8	7	2	4	6/1/93	Suzuki et al.	382	7	8/28/92
	EW	5	2	2	3	9	2	8	6/29/93	Stone et al.	358	133	12/19/91
	EX	5	2	2	7	8	7	8	7/13/93	Puri et al.	358	136	11/15/91
	EY	5	2	2	8	0	9	8	7/13/93	Crinon et al.	382	56	6/14/91
	EZ	5	2	2	9	8	8	3	7/20/93	Kao et al.	368	426	12/24/90
	FA	5	2	3	1	4	8	4	7/27/93	Gonzales et al.	358	133	11/8/91
	FB	5	2	3	1	4	8	8	7/27/93	Acampora et al.	358	133	7/27/92
	FC	5	2	3	3	4	2	0	8/3/93	Piri et al.	358	149	4/10/89
	FD	5	2	3	3	6	9	0	8/3/93	Sherlock et al.	395	165	7/28/89
	FE	5	2	3	7	4	1	3	8/17/93	Israelsen et al.	358	160	11/19/91
	FF	5	2	4	1	2	2	2	8/31/93	Small et al.	307	449	12/20/91
DN	FG	5	2	4	1	3	8	3	8/31/93	Chen et al.	358	138	5/13/92

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		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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	FH													
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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DNJ	JH	FN 5 2 4 1 8 8 8	8/31/93	Masterson et al.	395	162	8/21/90
	JH	FO 5 2 4 7 6 1 2	9/21/93	Quinard	395	166	6/29/90
	JH	FP 5 2 4 9 1 4 6	9/28/93	Uramoto et al.	364	725	3/20/92
	JH	FQ 5 2 5 3 0 5 8	10/12/93	Gharavi	358	136	4/1/92
	JH	FR 5 2 5 3 0 7 8	10/12/93	Balkanski et al.	358	426	8/23/90
	JH	FS 5 2 5 7 2 1 3	10/26/93	Kim et al.	364	725	5/30/91
	JH	FT 5 2 5 7 2 2 3	10/26/93	Oervisaglu	365	154	11/13/91
	JH	FU 5 2 5 7 3 5 0	10/26/93	Howard et al.	395	162	12/13/91
	JH	FV 5 2 5 8 7 2 5	11/2/93	Kinoshita	331	17	10/4/91
	JH	FW 5 2 6 0 7 8 1	11/9/93	Soloff et al.	358	133	5/20/92
	JH	FX 5 2 6 0 7 8 2	11/9/93	Hul	358	133	8/31/92
	JH	FY 5 2 6 1 0 4 7	11/9/93	Rivshin	395	163	10/29/91
	JH	FZ 5 2 6 3 1 3 6	11/16/93	OeAguilar et al.	395	164	4/30/91
	JH	GA 5 2 6 7 3 3 4	11/30/93	Normille et al.	382	56	1/21/93
	JH	GB 5 2 7 6 5 1 3	1/4/94	van der Wal et al.	358	136	8/10/92
DNJ	JH	GC 5 2 7 6 6 8 1	1/4/94	Tobegi et al.	370	85.4	6/25/92

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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN	JH	GJ 5 2 7 8 7 8 4	1/4/94	Ohki	395	127	12/17/91
	JH	GK 5 2 7 8 8 2 0	1/11/94	Parker et al.	331	1A	10/28/92
	JH	GL 5 2 7 8 8 4 6	1/11/94	Civanlar et al.	358	133	3/17/93
	JH	GM 5 2 7 8 8 4 7	1/11/94	Hingorani et al.	358	136	8/6/92
	JH	GN 5 2 8 3 6 4 6	2/1/94	Bruder	348	415	4/9/92
	JH	GO 5 2 8 7 1 7 8	2/15/94	Acampora et al.	348	384	7/6/92
	JH	GP 5 2 8 7 1 9 3	2/15/94	Lin	358	281.1	6/14/91
	JH	GQ 5 2 8 7 4 2 0	2/15/94	Barrett	382	56	4/8/92
previously filed		GR 5 2 8 9 2 7 6	2/22/94	Girardot et al.	348	467	6/4/92
previously filed		GS 5 2 8 9 6 7 7	2/22/94	Gonzalez et al.	395	463	6/4/92
	JH	GT 5 2 9 3 2 2 9	3/8/94	Iu	348	415	3/27/92
	JH	GU 5 2 9 4 8 9 4	3/15/94	Gebars	331	1A	10/2/92
	JH	GV 5 2 9 8 8 9 6	3/29/94	Lai et al.	341	51	3/15/93
	JH	GW 5 2 9 8 9 9 2	3/29/94	Pietras et al.	348	415	10/8/92
	JH	GX 5 2 9 9 0 2 5	3/29/94	Shirasawa	358	400	6/25/92
	JH	GY 5 3 0 0 9 4 8	4/5/94	Rodriguez et al.	345	202	10/22/92

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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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	GZ							
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EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DM/JH	HF	5	3	0	1	0	1	9	4/5/94	Citta	348	416	9/17/92
JH	HG	5	3	0	1	0	3	2	4/5/94	Hong et al.	358	261.2	12/4/92
JH	HH	5	3	0	1	0	4	0	4/5/94	Hoshi et al.	358	465	4/22/92
JH	HI	5	3	0	1	1	3	6	4/5/94	McMillan, Jr et al.	364	725	7/27/93
Previously Filed	HD	5	3	0	1	2	4	2	4/5/94	Gonzalez et al.	362	55	8/31/92
JH	HK	5	3	0	1	2	7	2	4/5/94	Atkins	395	165	11/25/92
JH	HL	5	3	0	3	3	4	2	4/12/94	Edge	395	164	12/22/92
JH	HM	5	3	0	4	9	5	3	4/19/94	Helm et al.	331	1A	8/1/93
JH	HN	5	3	0	5	4	3	8	4/19/94	MacKay et al.	395	164	5/19/92
JH	HO	5	3	0	9	5	2	7	5/3/94	Ohki	382	55	1/15/92
JH	HP	5	3	1	1	3	0	9	5/10/94	Ersoz et al.	348	409	5/30/91
DM/JH	HQ	5	3	5	1	0	4	7	9/27/94	Behlen	341	87	9/21/92
	HR												
	HS												

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	AA	3	9	6	2	6	8	5	8/76	Bella-Isle	340	172.5	—
JH	AB	4	1	4	9	2	4	2	4/79	Plrz	364	200	—
JH	AC	4	7	8	9	9	2	7	12/88	Hannah	364	200	—
JH	AD	4	8	2	3	2	0	1	4/18/89	Simon et al.	356	133	—
JH	AE	4	8	6	6	6	3	7	9/12/89	Gonzalez-Lopez et al	364	518	—
JH	AF	5	1	2	9	0	5	9	7/7/92	Hannah	395	166	—
JH	AG	5	2	8	9	2	7	6	2/22/94	Siracusa et al.	348	467	—
JH	AH	5	2	8	9	5	7	7	2/22/94	Gonzales et al.	395	163	—
JH	AI	5	3	0	1	2	4	2	4/5/94	Gonzales et al.	382	56	—
	AJ												

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	AL													
	AM													

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JH	AN	Chong, "A Data Flow Architecture For Digital Image Processing," Wescon Tech. Papers No. 4/8, 10/30/84, Anaheim, California, USA, pp. 1-10
JH	AO	Komori et al., "An Elastic Pipelining Mechanism By Self-Timed Circuits, IEEE Journal Of Solid-State Circuits, Vol. 23, No. 1, 2/88, New York, NY, USA, pp. 111-117
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Application No.

881400,207

Applicant(s)

Wise et al.

Examiner

John Harrity

Group Art Unit

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A	5,457,780	10/95	Shaw et al.	395	165
B	5,421,028	5/95	Swanson	395	800
C	5,122,948	8/92	Zapotin	384	131
D					
E					
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
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O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS

	DOCUMENT (including Author, Title, Source, and Pertinent Pages)	DATE
X	Chong, "A Data Flow Architecture for Digital Image Processing," Wascon Tech. Paper No. 4/8, pp. 1-10.	10/30/84
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V		
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X		

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